

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/13807

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C08F4/651 C08F4/655 C08F210/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C08F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 661 301 A (UNION CARBIDE CHEM PLASTIC) 5 July 1995 (1995-07-05) page 4, line 3 - line 5 page 4, line 22 - line 27 page 5, line 38 - line 53 example 1 claims 1,3,5	1-8, 10-18, 22-28
Y		1,9,15, 19,20, 22-24
X	EP 0 416 928 A (NESTE OY) 13 March 1991 (1991-03-13) claims 1,3-5,11,12 example 1	1-7, 10-17, 22,25-28
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

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PCT/EP 03/13807

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 829 034 A (IISKOLAN EERO ET AL) 9 May 1989 (1989-05-09) cited in the application example 3	1,2,7, 10, 12-16, 21,25
X	US 4 336 360 A (GIANNINI UMBERTO ET AL) 22 June 1982 (1982-06-22) example 14	1,2, 10-16,25
Y	EP 0 389 173 A (NESTE OY) 26 September 1990 (1990-09-26) example 5	1,9
Y	US 5 055 535 A (BRUN CLAUDE ET AL) 8 October 1991 (1991-10-08) examples 1-3 claims 1-4	15,19, 20,22-24

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/13807

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0661301	A	05-07-1995	AU 8151894 A BR 9405129 A CA 2138312 A1 EP 0661301 A1 JP 7206916 A	22-06-1995 22-08-1995 18-06-1995 05-07-1995 08-08-1995
EP 0416928	A	13-03-1991	FI 894216 A AT 120213 T CA 2024593 A1 DE 69017987 D1 DE 69017987 T2 EP 0416928 A2 NO 903866 A ,B, US 5324698 A	07-03-1991 15-04-1995 05-03-1992 27-04-1995 02-11-1995 13-03-1991 07-03-1991 28-06-1994
US 4829034	A	09-05-1989	FI 862459 A AT 394855 B AT 901687 A CH 671767 A5 DE 3790287 C2 DE 3790287 T EP 0279818 A1 WO 8707620 A1 GB 2199767 A ,B JP 7091330 B JP 63503550 T NL 191263 B NL 8720292 T NO 880350 A ,B, SE 458927 B SE 8800363 A	10-12-1987 10-07-1992 15-12-1991 29-09-1989 03-05-2001 23-06-1988 31-08-1988 17-12-1987 20-07-1988 04-10-1995 22-12-1988 16-11-1994 05-04-1988 27-01-1988 22-05-1989 05-02-1988
US 4336360	A	22-06-1982	AR 192799 A1 AT 327540 B AT 547572 A AU 471393 B2 AU 4384972 A BE 785332 A1 BE 785333 A1 BE 785334 A1 BG 26815 A3 CA 1002693 A1 CA 1002694 A1 CA 1002695 A1 CS 175433 B2 DD 98289 A5 DE 2230672 A1 DE 2230728 A1 DE 2230752 A1 DK 141781 B ES 404230 A1 FI 54488 B FR 2143346 A1 FR 2143347 A1 FR 2143348 A1 GB 1387888 A GB 1387889 A GB 1387890 A	14-03-1973 10-02-1976 15-04-1975 29-04-1976 03-01-1974 27-12-1972 27-12-1972 27-12-1972 12-06-1979 28-12-1976 28-12-1976 28-12-1976 31-05-1977 12-06-1973 28-12-1972 28-12-1972 28-12-1972 16-06-1980 01-06-1975 31-08-1978 02-02-1973 02-02-1973 02-02-1973 19-03-1975 19-03-1975 19-03-1975

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/13807

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4336360	A	HU 166276 B	28-02-1975
		IL 39747 A	30-01-1976
		JP 52039431 B	05-10-1977
		JP 52036153 B	13-09-1977
		JP 53023871 B	17-07-1978
		JP 1518740 C	07-09-1989
		JP 57119903 A	26-07-1982
		JP 62028963 B	23-06-1987
		NL 160286 C	
		NL 7208556 A ,B	28-12-1972
		NL 7208558 A ,B	28-12-1972
		NL 7208567 A ,B	28-12-1972
		RO 62447 A1	15-02-1978
		SE 440508 B	05-08-1985
		SU 403193 A3	19-10-1973
		TR 17593 A	23-07-1975
		US 4107413 A	15-08-1978
		US 4107414 A	15-08-1978
		US 4156063 A	22-05-1979
		US 4187196 A	05-02-1980
		US 4226963 A	07-10-1980
		YU 166672 A1	28-02-1982
		ZA 7204335 A	28-03-1973
EP 0389173	A	FI 891313 A	21-09-1990
		EP 0389173 A2	26-09-1990
US 5055535	A	FR 2640273 A1	15-06-1990
		AT 89831 T	15-06-1993
		CA 2005389 A1	14-06-1990
		CN 1043507 A	04-07-1990
		DE 68906769 D1	01-07-1993
		DE 68906769 T2	04-11-1993
		EP 0373999 A1	20-06-1990
		ES 2041029 T3	01-11-1993
		JP 2219806 A	03-09-1990
		NO 895006 A ,B,	15-06-1990